

T.I.T.L. MARKET SAMPLE NO. 4  
 F.T.C. METHODOLOGY  
 PER CIGARETTE DATA  
 PART A -- PUFF CT., T.P.M., WATER, AND BUTT LENGTH

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Alpine	X	9.0	8.9 ± 0.1	22.8 24.0 ± 0.5	2.2 3.3 ± 0.2
	s		0.2	1.1	0.4
	CV		2.4	4.7	10.6
Belair	X	8.5	8.6 ± 0.1	21.3 24.0 ± 0.5	2.4 3.8 ± 0.2
	s		0.3	1.1	0.5
	CV		3.5	4.7	13.9
Benson & Hedges reg. size	X	12	7.5 ± 0.1	23.3 27.4 ± 0.7	3.1 6.1 ± 0.4
	s		0.3	1.6	0.8
	CV		4.3	5.7	13.3
Benson & Hedges king size	X	8.8	9.3 ± 0.2	22.0 26.3 ± 0.4	2.7 4.7 ± 0.2
	s		0.3	0.9	0.5
	CV		3.8	3.6	11.5
Benson & Hedges 100 mm. filter	X	10.0	9.9 ± 0.1	23.5 25.6 ± 0.4	2.5 2.9 ± 0.2
	s		0.3	0.9	0.4
	CV		3.1	3.4	12.6
Benson & Hedges 100 mm. menthol	X	9.8	10.0 ± 0.1	24.2 26.9 ± 0.4	2.2 3.2 ± 0.2
	s		0.2	0.9	0.4
	CV		2.7	3.3	12.3
Bull Durham	X	11.2	11.3 ± 0.2	34.7 36.9 ± 0.4	4.5 5.9 ± 0.2
	s		0.3	0.9	0.6
	CV		3.0	2.4	9.4

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<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Camel	X	83	8.3 ± 0.1	27.9	23
reg. size	S		0.3	31.8 ± 0.7	4.1 ± 0.2
non-filter	CV		3.1	1.6	0.5
				5.1	12.6
Camel	X	97	9.8 ± 0.2	24.4	27
king size	S		0.4	26.7 ± 0.6	4.7 ± 0.3
filter	CV		4.5	1.3	0.8
				4.8	16.3
Carlton	X	41	9.0 ± 0.1	4.5	33
	S		0.3	5.2 ± 0.4	0.7 ± 0.2
	CV		3.0	1.0	0.5
				18.9	73.6
Cascade	X	76	7.8 ± 0.1	6.5	27
	S		0.3	9.6 ± 0.4	1.9 ± 0.2
	CV		3.5	0.9	0.4
				9.8	19.8
Century	X	115	10.6 ± 0.2	25.1	33
	S		0.4	27.4 ± 0.5	3.3 ± 0.2
	CV		3.7	1.2	0.4
				4.2	10.7
Chesterfield	X	82	8.1 ± 0.1	27.0	23
reg. size	S		0.3	30.3 ± 0.5	4.1 ± 0.2
non-filter	CV		3.4	1.2	0.5
				4.0	13.0
Chesterfield	X	104	10.4 ± 0.2	32.1	23
king size	S		0.4	35.7 ± 0.7	4.6 ± 0.2
non-filter	CV		4.3	1.5	0.5
				4.2	10.0
Chesterfield	X	91	9.4 ± 0.2	25.1	27
king size	S		0.4	29.0 ± 0.6	5.5 ± 0.4
filter	CV		3.8	1.2	0.8
				4.3	15.3

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Chesterfield	X	8.8 9.0 ± 0.2	23.0 25.9 ± 0.9	4.1 4.8 ± 0.3	27 27
king size,	s	0.4	2.0	0.7	
filter menthol	CV	4.2	7.6	15.2	
Chesterfield	X	10.2 ± 0.2	21.9 24.6 ± 0.6	3.2 3.4 ± 0.2	21 30
101 mm.	s	0.4	1.4	0.5	
	CV	3.8	5.6	13.9	
Colony	X	10.7 ± 0.1	30.9 35.9 ± 0.7	4.2 6.1 ± 0.2	27 27
100 mm.	s	0.3	1.5	0.5	
filter	CV	3.0	4.1	8.9	
Colony	X	10.2 ± 0.1	29.8 33.4 ± 0.7	3.0 6.1 ± 0.3	27 27
100 mm.	s	0.2	1.5	0.8	
filter menthol	CV	2.4	4.6	12.5	
Domino	X	9.7 ± 0.2	27.7 31.0 ± 0.7	3.1 4.3 ± 0.2	23 23
king size,	s	0.4	1.6	0.4	
non-filter	CV	4.3	5.1	10.5	
Domino	X	10.3 ± 0.2	23.0 27.8 ± 0.6	3.1 6.1 ± 0.4	24 24
king size,	s	0.5	1.3	0.9	
filter	CV	4.8	4.5	14.4	
Domino	X	10.6 ± 0.2	16.6 19.0 ± 1.0	2.3 4.0 ± 0.4	24 24
king size,	s	0.5	2.2	0.8	
filter menthol	CV	4.5	11.9	20.2	
Duke	X	6.9 6.8 ± 0.1	11.1 11.6 ± 0.4	1.0 1.6 ± 0.2	33 33
	s	0.3	0.9	0.4	
	CV	3.9	7.9	21.5	

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Du Maurier	X	91 9.1 ± 0.1	20.4 23.1 ± 0.5	2.3 3.5 ± 0.3	28 28
	s	0.3	1.1	0.6	
	CV	3.5	4.7	18.6	
English Ovals	X	89 8.9 ± 0.2	30.3 33.1 ± 1.0	2.5 4.3 ± 0.3	23 23
reg. size	s	0.4	2.2	0.7	
non-filter	CV	5.0	6.8	17.3	
English Ovals	X	117 11.9 ± 0.2	33.7 42.4 ± 0.8	2.9 4.9 ± 0.2	23 23
king size	s	0.5	1.8	0.4	
non-filter	CV	4.2	4.4	8.8	
Fatima	X	111 11.5 ± 0.2	36.4 40.2 ± 0.6	3.6 5.2 ± 0.2	23 23
	s	0.3	1.5	0.4	
	CV	3.0	3.6	8.5	
Frappe	X	80 8.5 ± 0.1	9.4 12.0 ± 0.7	1.2 2.7 ± 0.3	27 27
	s	0.3	1.5	0.6	
	CV	3.9	12.7	21.8	
Galaxy	X	90 8.9 ± 0.1	23.0 26.3 ± 0.5	2.7 4.0 ± 0.2	29 27 & 29
	s	0.3	1.1	0.4	
	CV	3.6	4.2	10.7	
Gauloises	X	77 7.7 ± 0.2	16.3 30.3 ± 0.6	1.7 2.9 ± 0.2	23 23
Caporal	s	0.4	1.5	0.5	
non-filter	CV	5.6	4.8	16.4	
Gauloises	X	11 8.8 ± 0.2	26.2 27.5 ± 0.8	2.2 3.9 ± 0.4	25 23
Disque Bleu	s	0.4	1.8	0.8	
filter	CV	4.7	6.6	20.5	

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.</u>	<u>Water in TPM mg/cig.</u>	<u>Butt Length-mm</u>
Half & Half	X	11.9 11.0 ± 0.2	29.5 ± 0.7	3.8 4.9 ± 0.3	37 27
	s	0.4	1.5	0.6	
	CV	3.2	5.0	12.5	
Helmar	X	10.7 11.1 ± 0.2	31.1 ± 0.6	3.1 5.0 ± 0.3	24 28
	s	0.4	1.5	0.8	
	CV	4.1	4.7	15.2	
Herbert Tareyton	X	10.0 10.1 ± 0.1	34.8 36.9 ± 0.6	3.7 4.8 ± 0.2	23 23
	s	0.3	1.4	0.5	
	CV	3.0	3.9	10.4	
Holiday king size, non-filter	X	10.2 11.2 ± 0.2	33.0 42.6 ± 0.8	3.2 6.1 ± 0.3	23 23
	s	0.5	1.9	0.7	
	CV	4.3	4.5	11.5	
Holiday king size, filter	X	10.5 12.1 ± 0.5	30.4 34.3 ± 0.9	5.0 6.9 ± 0.5	24 24
	s	1.1	2.1	1.0	
	CV	9.1	6.0	15.1	
Home Run	X	6.9 6.7 ± 0.1	22.7 26.1 ± 0.6	2.1 3.7 ± 0.2	23 23
	s	0.2	1.2	0.4	
	CV	3.9	4.7	10.0	
Kent reg. size, filter	X	7.3 7.0 ± 0.1	16.5 14.5 ± 1.0	2.1 2.6 ± 0.4	25 24
	s	0.3	2.4	1.0	
	CV	4.4	16.3	37.8	
Kent king size filter hard pack	X	8.6 8.8 ± 0.1	19.3 22.1 ± 0.6	2.5 3.9 ± 0.3	37 25 & 27
	s	0.3	1.4	0.8	
	CV	3.1	6.2	19.6	

<u>BRAND</u>	<u>Puff Count</u>			<u>TPM mg/cig.t.</u>	<u>Water mg/cig.t. in TPM</u>	<u>Butt Length-mm</u>
Kent king size, filter soft pack	X 8.9 S 0.4 CV 4.5	8.8 ± 0.2		19.4 20.6 ± 0.4 0.9 4.4	2.2 3.2 ± 0.2 0.5 15.4	27 28
Kent 100 mm. filter	X 11.2 S 0.5 CV 5.2	10.4 ± 0.2		21.2 23.6 ± 0.6 1.4 5.9	2.4 2.8 ± 0.2 0.4 14.7	33 33
King Sano king size, filter	X 7.5 S 0.2 CV 3.0	7.9 ± 0.1		20 8.3 ± 0.5 1.2 14.2	0.8 1.5 ± 0.1 0.3 20.6	28 28
King Sano menthol	X 7.3 S 0.4 CV 5.1	8.0 ± 0.2		6.3 9.3 ± 0.7 1.6 17.0	0.7 1.6 ± 0.2 0.5 34.0	28 28
Kool reg. size, non-filter menthol	X 7.6 S 0.2 CV 3.6	7.0 ± 0.1		28.1 27.2 ± 0.5 1.1 4.1	2.9 3.8 ± 0.2 0.5 14.0	23 23
Kool king size, filter menthol	X 8.7 S 0.3 CV 3.5	8.7 ± 0.1		21.8 24.2 ± 0.6 1.4 5.8	2.4 4.0 ± 0.4 1.0 24.3	28 28

<u>BRAND</u>	<u>Puff Count</u>			<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Kool 100 mm. filter menthol	X 11.0	9.9 ± 0.1		24.0 25.6 ± 0.6	2.4 3.4 ± 0.3 0.3 1.3 CV 3.4 5.2	33
L & M reg. size, filter	X 7.3	7.3 ± 0.2		24.9 23.0 ± 0.7	3.4 5.4 ± 0.3 0.4 1.6 CV 4.9 7.1	24
L & M king size, filter, hard pack	X 7.7	8.1 ± 0.1		24.4 23.3 ± 0.5	2.4 4.4 ± 0.3 0.2 1.1 CV 3.2 4.9	27
L & M king size, filter, soft pack	X 8.8	9.0 ± 0.1		22.7 25.4 ± 0.6	2.8 4.6 ± 0.3 0.2 1.3 CV 2.7 5.3	27
L & M 100 mm. filter	X 10.2	10.2 ± 0.2		22.0 24.9 ± 0.8	2.2 3.6 ± 0.3 0.4 1.7 CV 3.8 6.7	30 27 & 30
L & M 100 mm. filter menthol	X 10.0	10.2 ± 0.2		27.0 23.9 ± 0.4	2.0 3.2 ± 0.2 0.5 1.0 CV 4.7 4.1	30 30
Lark king size, filter	X 8.6	8.8 ± 0.2		21.3 23.9 ± 0.6	2.8 4.5 ± 0.3 0.4 1.3 CV 4.1 5.5	28 28
Lark 100 mm. filter	X 9.4	9.6 ± 0.2		20.9 23.3 ± 0.4	2.1 3.4 ± 0.2 0.4 0.8 CV 4.4 3.4	31

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Life	X	76 7.6 ± 0.1	117 13.5 ± 0.3	1.2 1.9 ± 0.2	33 33
	s	0.2	0.8	0.4	
	CV	3.1	5.6	23.7	
Lucky Strike	X	81 8.6 ± 0.2	312 35.1 ± 0.6	3.2 5.3 ± 0.4	23 23
reg. size,	s	0.3	1.2	0.8	
non-filter	CV	4.0	3.5	15.2	
Lucky Strike	X	88 8.8 ± 0.1	246 27.1 ± 0.6	3.3 4.8 ± 0.3	27 27
king size,	s	0.3	1.2	0.6	
filter	CV	3.2	4.6	12.4	
Lucky Strike	X	87 9.0 ± 0.1	225 25.7 ± 0.6	3.2 4.9 ± 0.4	27 27
king size,	s	0.2	1.2	0.8	
filter menthol	CV	2.3	4.9	17.2	
Lucky Strike	X	96 9.8 ± 0.1	221 25.2 ± 0.4	3.2 3.3 ± 0.3	33 33
100 mm.	s	0.2	1.0	0.6	
filter	CV	1.8	4.0	17.6	
Lucky Strike	X	94 9.6 ± 0.1	199 22.7 ± 0.5	1.9 3.2 ± 0.3	33 33
100 mm.	s	0.3	1.2	0.6	
filter menthol	CV	2.8	5.2	20.1	
Mapleton	X	82 8.0 ± 0.1	25.7 28.8 ± 0.4	3.1 3.9 ± 0.2	23 23
reg. size,	s	0.2	1.0	0.4	
non-filter	CV	3.1	3.3	10.9	
Mapleton	X	86 9.0 ± 0.2	22.8 26.9 ± 0.8	2.9 4.7 ± 0.4	27 28
king size,	s	0.4	1.7	0.8	
filter	CV	4.8	6.4	17.0	

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Marlboro king size, filter hard pack	X S CV	8.8 8.9 ± 0.1 0.2 2.3	23.1 26.2 ± 0.7 1.6 6.3	2.5 4.6 ± 0.2 0.4 9.6	26 26
Marlboro king size, filter, soft pack	X S CV	9.4 9.4 ± 0.2 0.5 4.9	24.6 27.2 ± 0.7 1.5 5.5	2.9 4.4 ± 0.4 0.8 19.2	28 28
Marlboro 100 mm. filter, soft pack	X S CV	10.4 10.5 ± 0.2 0.3 3.3	25.2 27.1 ± 0.4 1.0 3.5	2.5 3.4 ± 0.2 0.4 12.7	33 30 & 33
Marlboro 100 mm. filter, hard pack	X S CV	9.9 9.9 ± 0.4 0.9 9.4	26.2 ± 0.6 1.4 5.4	3.4 ± 0.3 0.6 17.5	33
Marlboro king size, filter menthol	X S CV	9.2 9.2 ± 0.1 0.2 2.8	24.4 26.1 ± 0.4 0.8 3.2	2.8 4.1 ± 0.3 0.7 17.0	28 28
Marvels reg. size, non-filter	X S CV	6.0 6.9 ± 0.1 0.3 4.1	2.9 3.6 ± 0.2 0.5 14.7	0.4 0.6 ± 0.1 0.3 45.2	28 23
Marvels reg. size, filter	X S CV	7.3 ± 0.2 0.5 6.3	23.2 ± 0.5 1.1 4.9	3.4 ± 0.2 0.5 15.8	28
Marvels king size, non-filter	X S CV	9.0 8.9 ± 0.2 0.3 3.8	27.6 28.2 ± 0.7 1.6 5.9	2.9 4.1 ± 0.2 0.5 12.4	25 23

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Marvels king size, filter	X S CV	8.1 ± 0.2 0.5 6.5	4.9 8.2 ± 0.4 0.9 11.0	0.5 1.7 ± 0.3 0.7 42.2	28 28
Marvels king size, filter menthol	X S CV	8.0 8.5 ± 0.1 0.3 3.3	5.0 5.5 ± 0.2 0.4 7.3	1.4 1.0 ± 0.2 0.4 41.0	28 28
Montclair	X S CV	8.3 9.0 ± 0.2 0.4 4.0	10.6 11.8 ± 0.5 1.1 9.1	1.0 1.4 ± 0.2 0.3 24.1	27 27
Newport king size filter menthol hard pack	X S CV	8.5 8.7 ± 0.2 0.3 3.9	25.0 28.4 ± 0.8 1.8 6.5	3.4 6.0 ± 0.4 0.9 14.5	25 27
Newport king size, filter menthol soft pack	X S CV	8.6 8.6 ± 0.1 0.3 3.3	24.7 26.9 ± 0.7 1.6 6.1	3.0 4.8 ± 0.4 0.8 17.2	27 27
Newport 100 mm. filter menthol	X S CV	10.1 10.0 ± 0.1 0.3 3.1	24.6 25.3 ± 0.5 1.0 4.2	2.2 3.5 ± 0.3 0.7 19.4	33 27 & 33
Oasis	X S CV	8.6 8.7 ± 0.2 0.4 4.1	24.4 24.7 ± 0.6 1.4 5.6	2.7 4.4 ± 0.4 0.9 21.1	27 24 & 27

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.</u>	<u>Water in TPM mg/cig.</u>	<u>Butt Length-mm</u>
Old Gold reg. size, non-filter	X	7.2 7.4 ± 0.1	23.8 29.1 ± 0.5	2.4 4.0 ± 0.3 0.6 16.5	23 23
Old Gold king size non-filter	X	9.2 9.6 ± 0.1	37.0 36.0 ± 0.7 1.6 4.4	3.1 4.8 ± 0.3 0.6 13.2	23 23
Old Gold king size, filter	X	8.8 8.9 ± 0.1	23.9 26.4 ± 0.8 1.8 7.0	3.3 5.1 ± 0.3 0.7 14.2	27 27
Omar	X	9.1 9.2 ± 0.1	32.7 36.9 ± 0.8 1.7 4.7	4.1 5.8 ± 0.4 1.0 16.6	23 23
Pall Mall king size, non-filter soft pack	X	9.9 10.0 ± 0.1	30.9 34.2 ± 0.7 1.5 4.5	2.8 4.2 ± 0.2 0.4 10.0	23 23
Pall Mall 100 mm. filter hard pack	X	9.0 9.0 ± 0.1	21.3 22.8 ± 0.4 0.9 4.0	2.2 3.3 ± 0.2 0.4 12.4	33 23 & 33
Pall Mall 100 mm. filter menthol hard pack	X	8.6 8.9 ± 0.3	20.5 22.2 ± 0.4 0.9 4.2	2.1 3.1 ± 0.3 0.6 18.8	33 33

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Pall Mall 100 mm. filter soft pack	X	9.8 10.3 ± 0.1	21.7 24.7 ± 0.4	2.3 3.3 ± 0.2 0.5 14.8	32 33
Pall Mall 100 mm. filter menthol soft pack	X	8.5 9.6 ± 0.2	20.5 23.6 ± 0.4	2.1 3.3 ± 0.2 0.4 12.5	33 33
Parliament king size, filter hard pack	X	7.9 7.6 ± 0.1	17.9 19.6 ± 0.5	1.8 3.0 ± 0.2 0.5 17.6	31 32
Parliament king size, filter soft pack	X	8.1 8.1 ± 0.1	18.2 20.3 ± 0.4	1.7 2.9 ± 0.2 0.5 17.9	33 33
Philip Morris reg. size non-filter	X	8.1 8.0 ± 0.2	26.3 30.4 ± 0.6	2.5 4.0 ± 0.2 0.4 11.0	23 23
Philip Morris Commander	X	10.3 10.4 ± 0.2	32.7 37.8 ± 0.8	2.9 4.5 ± 0.2 0.5 11.2	23 23
Philip Morris king size, filter	X	8.9 8.9 ± 0.2	21.7 23.6 ± 0.4	2.3 3.4 ± 0.2 0.4 12.8	29 29

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Philip Morris	X	89	8.8 ± 0.1	227 24.7 ± 0.6	29 29
king size,	S		0.2	1.4	
filter menthol	CV		2.4	5.5	
Picayune	X	69	6.8 ± 0.1	220 25.9 ± 0.4	23 23
	S		0.2	0.9	
	CV		3.2	3.4	
Piedmont	X	85	8.3 ± 0.2	264 30.6 ± 0.6	23 23
	S		0.4	1.4	
	CV		5.2	4.5	
Players	X	95	10.0 ± 0.2	341 37.8 ± 0.5	23 23
	S		0.4	1.1	
	CV		3.7	2.8	
Raleigh	X	94	9.6 ± 0.2	327 36.4 ± 0.8	23 23
king size,	S		0.4	1.7	
non-filter	CV		4.0	4.7	
Raleigh	X	91	9.1 ± 0.1	220 23.8 ± 0.6	28 28
king size,	S		0.2	1.4	
filter	CV		2.8	6.0	
Salem	X	98	9.8 ± 0.1	241 26.3 ± 0.6	27 27
king size,	S		0.3	1.3	
filter menthol	CV		3.2	4.9	
Salem	X	110	11.2 ± 0.1	239 26.4 ± 0.6	33 33
100 mm.	S		0.3	1.3	
filter menthol	CV		2.6	4.9	

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Sano reg. size, non-filter	X	6.0	6.4 ± 0.1	13.8 18.5 ± 0.9	23 23
	s		0.3	1.9	
	CV		5.1	10.5	
Sano reg. size, filter	X	15	6.4 ± 0.2	3.9 4.4 ± 0.2	27 27
	s		0.3	0.4	
	CV		5.4	10.0	
Silva Thins 100 mm. filter	X	95	9.3 ± 0.1	158 18.4 ± 0.4	33 33
	s		0.3	0.8	
	CV		3.0	4.2	
Silva Thins 100 mm. filter menthol	X	93	9.3 ± 0.1	165 17.9 ± 0.5	33 33
	s		0.3	1.0	
	CV		3.4	5.8	
Spring	X	112	10.2 ± 0.2	24.4 24.8 ± 0.6	33 33
	s		0.4	1.3	
	CV		3.8	5.4	
Stratford king size, non-filter	X	9.4	9.2 ± 0.2	26.7 30.4 ± 0.6	23 23
	s		0.4	1.4	
	CV		4.4	4.6	
Stratford king size, filter	X	8.1	9.9 ± 0.1	22.7 24.3 ± 0.5	28 28
	s		0.3	1.2	
	CV		3.5	4.7	
Stratford king size, filter menthol	X	8.9	8.9 ± 0.2	26.0 ± 0.5	28
	s		0.4	1.2	
	CV		4.0	4.5	
Sweet Caporal	X	95	9.6 ± 0.1	27.0 28.9 ± 0.7	27 27
	s		0.3	1.6	
	CV		2.7	5.5	

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Tareyton king size, filter	X S CV	8.9 9.0 ± 0.2 0.4 4.4	19.9 21.6 ± 0.4 1.0 4.7	2.6 4.0 ± 0.3 0.6 15.0	27 28
Tareyton 100 mm. filter	X S CV	10.3 10.5 ± 0.1 0.3 2.8	19.4 21.5 ± 0.4 1.0 4.6	2.2 3.3 ± 0.2 0.4 11.6	33 33
Tempo	X S CV	8.2 8.3 ± 0.2 0.4 4.3	11.5 16.7 ± 0.7 1.6 9.8	1.1 2.5 ± 0.2 0.4 17.7	33 27 & 33
True (Blue) king size, filter	X S CV	8.1 8.4 ± 0.1 0.3 3.2	12.5 15.3 ± 0.5 1.0 6.8	1.0 1.9 ± 0.2 0.4 21.7	33 33
True (Green) king size, filter menthol	X S CV	8.1 8.2 ± 0.2 0.4 4.6	12.9 15.0 ± 0.6 1.4 9.5	1.1 1.9 ± 0.2 0.3 17.5	33 33
Tryon king size, filter	X S CV	8.9 9.0 ± 0.2 0.4 5.0	12.1 13.9 ± 0.4 0.8 5.9	1.1 2.0 ± 0.1 0.3 16.3	28 28
Tryon king size filter menthol	X S CV	9.0 9.8 ± 0.2 0.3 3.5	16.5 14.3 ± 0.8 1.7 11.8	1.6 2.4 ± 0.3 0.6 25.5	38 28
Viceroy king size, filter	X S CV	9.1 9.2 ± 0.1 0.3 3.5	21.5 24.0 ± 0.4 1.0 4.1	2.2 3.5 ± 0.2 0.4 12.8	28 28
Viceroy 100 mm. filter	X S CV	11.6 10.5 ± 0.1 0.3 2.9	22.8 24.3 ± 0.5 1.2 5.0	2.3 3.1 ± 0.2 0.5 15.5	33 33

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>
Virginia Slims	X	9.3 9.3 ± 0.1	22.7 22.8 ± 0.8	2.0 3.2 ± 0.3	35
100 mm. filter	S	0.3	1.7	0.7	
	CV	2.8	7.5	20.7	
Virginia Slims	X	9.3 9.4 ± 0.1	22.0 22.9 ± 0.4	2.1 3.1 ± 0.2	35
100 mm. menthol	S	0.2	1.0	0.4	
	CV	2.5	4.3	14.9	
Vogue assorted colors	X	8.8 9.1 ± 0.1	14.7 16.4 ± 0.5	2.8 4.5 ± 0.3	23 23
	S	0.3	1.2	0.7	
	CV	3.4	7.1	15.1	
Vogue black	X	10.0 10.4 ± 0.1	18.1 25.9 ± 1.5	3.7 6.3 ± 0.6	23 23
	S	0.3	3.3	1.2	
	CV	2.8	12.7	19.6	
Wings	X	8.7 8.3 ± 0.1	22.0 25.2 ± 0.6	2.4 4.2 ± 0.3	28 27 & 28
	S	0.2	1.4	0.7	
	CV	2.3	5.5	17.1	
Winston king size, filter hard pack	X	9.0 9.6 ± 0.1	24.8 28.1 ± 0.5	3.3 5.7 ± 0.4	24
	S	0.3	1.1	0.9	
	CV	2.9	3.8	15.2	
Winston king size, filter soft pack	X	9.6 9.6 ± 0.1	25.0 27.2 ± 0.5	3.3 5.1 ± 0.3	27 27
	S	0.3	1.2	0.7	
	CV	2.9	4.3	14.5	
Winston 100 mm. filter soft pack	X	11.0 11.3 ± 0.1	24.4 26.6 ± 0.4	2.6 3.4 ± 0.2	33
	S	0.3	0.8	0.4	
	CV	2.4	3.1	12.3	

<u>BRAND</u>		<u>Puff Count</u>	<u>TPM mg/cig.t.</u>	<u>Water in TPM mg/cig.t.</u>	<u>Butt Length-mm</u>				
Winston	X	149	11.2 ± 0.1	24.2	26.8 ± 0.4	2.1	3.7 ± 0.2	33	33
100 mm.	s		0.3		0.9		0.5		
filter	CV		2.8		3.4		13.9		
menthol									
Yukon	X	16.1	10.1 ± 0.2	23.6	25.7 ± 0.6	4.0	5.5 ± 0.3	34	24
	s		0.5		1.5		0.7		
	CV		4.6		5.7		13.2		
Monitor	X		9.1 ± 0.03		25.7 ± 0.1		4.4 ± 0.07		27
Smoking	s		0.2		1.2		0.7		
Machine A	CV		2.8		4.6		15.0		
Monitor	X		9.2 ± 0.02		25.7 ± 0.1		4.5 ± 0.09		27
Smoking	s		0.2		1.2		0.8		
Machine B	CV		2.5		4.8		17.7		
		9.0	9.2	22.1	24.8	2.5	3.8		